



FAIRDOG



The FairDog foundation
founded by:

- *- University of Utrecht
- *- Royal Society of
Veterinary Medicine
- *- Royal Dutch Kennel
Club Cynophilia

History in a nutshell

August 2008

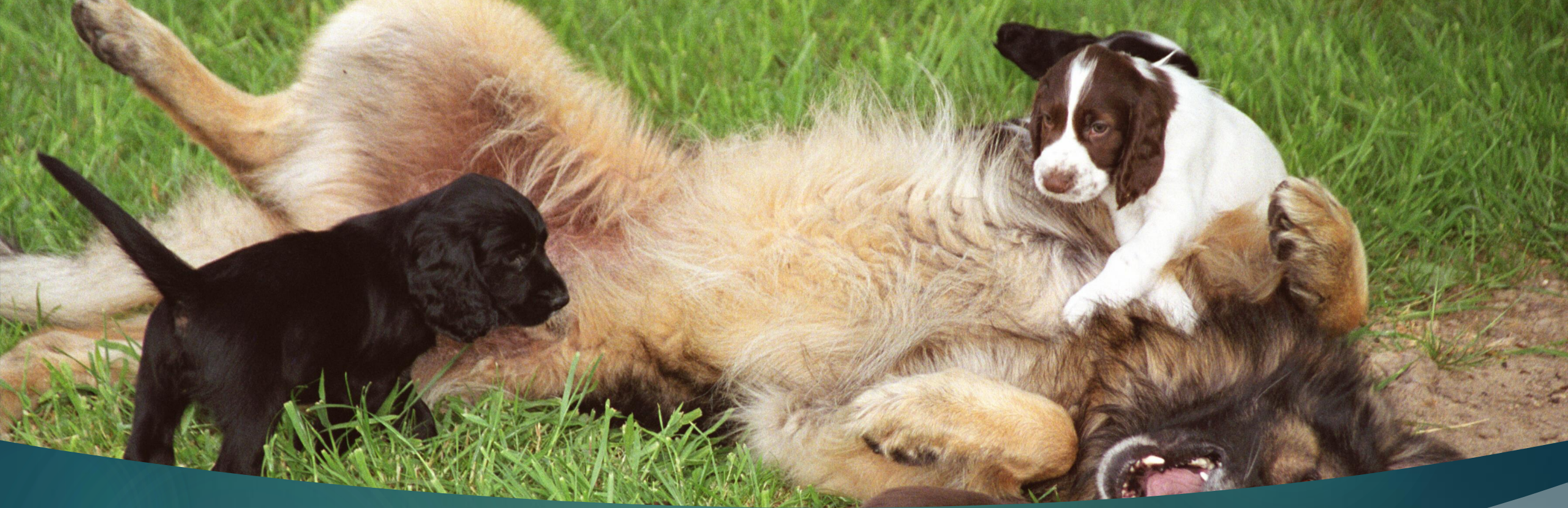




- ▶ The Fairfok program started in 2014 under the direction of the Raad van Beheer, aimed at a healthy and social Dutch dog population
- ▶ In the 2019 interim report, the State Secretary wants a more far-reaching proposition. There will be a restart under the name FairDog
- ▶ A selection will also take place in the participating parties.
- ▶ On September 23, 2023, Utrecht University, the Royal Society of Veterinary Medicine and the Royal Dutch Kennel Cynophilia will establish the **independent** "FairDog" Foundation.

Renowned institutes join forces

- ▶ In 1821, the National Veterinary School was founded in Utrecht. In 1925, the Veterinary Faculty course became part of the University of Utrecht. Today known as the Faculty of Veterinary Medicine, part of Utrecht University.
- ▶ In 1862 the Royal Society for Veterinary Medicine was founded
- ▶ In 1890 The Royal Dutch Kennel Club Cynophilia was founded
 - ▶ The Royal Dutch Kennel Club Cynophilia was one of the three founders of the administration office "Raad van Beheer" on January 1, 1902. The current Dutch FCI kennel club



What is the purpose of the FairDog foundation



Sustainable,
healthy bred
and socially
raised puppies

The foundation certifies puppies based on:

- ✓ Parental control
- ✓ Physical fitness of parent animals
- ✓ DNA match mating (free from known hereditary diseases)
- ✓ Grew up in a socially responsible environment



Parental control

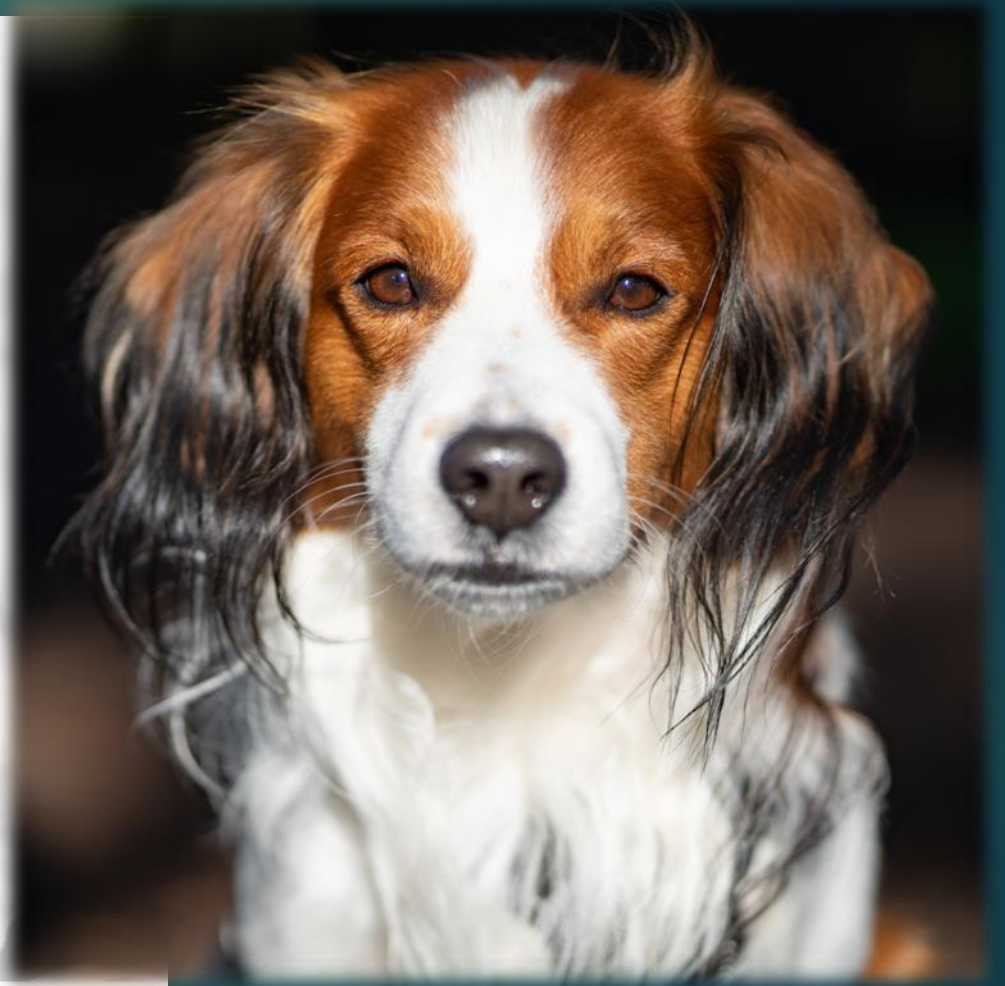
- ▶ Since June 1, 2014, every pedigree dog born in the Netherlands has been checked by DNA to be sure off the correct parentage
 - ▶ Therefore it is easy to determine the inbreeding coefficient and the relationship of the planned combination
- ▶ For non-pedigree dogs, the relationship between the parents will be determined during the planned mating procedure.

Physical fitness of parent animals

- ▶ Every bitch that is intended for breeding purpose is checked by a veterinarian to determine whether the dog in question is physically suitable for breeding
- ▶ A uniform form is available for this within "Petscan".
- ▶ There is also a breed radar available, which indicates which examinations are desirable and/or necessary for each type of dog

DNA match mating (free from known hereditary diseases)

► Here we switch from dog to DNA



DNA match mating

DNA in breeding

- Monogenetic DNA testing
- DNA testing for complex conditions
- Application of SNP markers (>20,000 SNPs)
- Calculating inbreeding
- Matchmaking (kinship)

Integrated Fit2Breed: DNA technology and integration with health data

- Summary page: overview of characteristics, interactive family tree
- Breeding tab: suggestions for partners
- Testmating tab: checking whether the match is a healthy choice

DNA match mating

- ▶ F2B is operational for:
- ▶ Kooikerhondje
 - ▶ Von Willebrand disease type III.
 - ▶ Polymyositis.
 - ▶ Epilepsy.

DNA match mating

- ▶ The breed module is being built for several breeds.
- ▶ A separate section will be drawn up for working dogs
- ▶ We are working hard to make individual match mating operational. (this is also the outcross module)

DNA match mating

- ▶ Almost all DNA tests are interoperable



Grew up in a socially responsible environment

- ▶ For the moment this is left to the breed clubs.
- ▶ If there is no breed club, an alternative solution will be chosen for the near future. This may differ from case to case

Ready to certify

- ▶ If the steps described above have been completed successfully, four paws have been achieved and the puppies can be FairDog certified after a DNA test.

This means that a quality label has become a fact

In summary

- ▶ Healthy puppies | free from known hereditary disorders
- ▶ Comes from healthy parent animals
- ▶ Prospect of a longer and animal-worthy life
- ▶ Less veterinary costs
- ▶ A unique opportunity to comply with the "Animals Act" article 3.4 (animal keepers decision) in the Netherlands

The expansion of the Foundation is made financially possible by:

- ▶ The founders / in kind contribution
- ▶ Dinamo fund
- ▶ Ministry of Agriculture, Nature and Food Quality
- ▶ Various companies and businesses
- ▶ Insurance company



Any questions ?

Creating valuable collaborations and ...



... we win together !

Thank you
for your
attention

